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| <b>(51) International Patent Classification <sup>7</sup> :</b><br><b>C07H 21/00, 21/04, C12N 15/00, 15/09, 15/63, 15/70, 15/74</b>   | <b>A1</b> | <b>(11) International Publication Number:</b> <b>WO 00/29421</b><br><b>(43) International Publication Date:</b> 25 May 2000 (25.05.00)  |
| <b>(21) International Application Number:</b> PCT/US99/24018<br><b>(22) International Filing Date:</b> 12 November 1999 (12.11.99)<br><b>(30) Priority Data:</b><br>60/108,169 13 November 1998 (13.11.98) US<br><b>(71) Applicant (for all designated States except US):</b> CELL GENESYS, INC. [US/US]; 342 Lakeside Drive, Foster City, CA 94404 (US).<br><b>(72) Inventors; and</b><br><b>(75) Inventors/Applicants (for US only):</b> MCGUINNESS, Ryan [US/US]; Cell Genesys, Inc., 342 Lakeside Drive, Foster City, CA 94404 (US). NALDINI, Luigi [IT/IT]; Cell Genesys, Inc., 342 Lakeside Drive, Foster City, CA 94404 (US).<br><b>(74) Agents:</b> NAKAMURA, Dean, H. et al.; Sughrue, Mion, Zinn, MacPeak & Seas, PLLC, Suite 800, 2100 Pennsylvania Avenue, Washington, DC 20037-3213 (US). |           | <b>(81) Designated States:</b> AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).<br><br><b>Published</b><br><i>With international search report.</i> |
| <b>(54) Title:</b> SELECTION SYSTEM FOR GENERATING EFFICIENT PACKAGING CELLS FOR LENTIVIRAL VECTORS  |           |   |
| <b>(57) Abstract</b><br><br>A method for selecting packaging cells that express high levels of gag/pol is provided.  |           |   |